

TRACTION DEVICE FOR HEAT-SENSITIVE INK RIBBON

A B S T R A C T

5           Comprises an origin cylinder (1) of heat-sensitive  
ink ribbon (2), a rewinding cylinder (5), traction means  
and at least one marking header. It prevents an unused  
segment of ribbon being left between markings. It is  
characterised by a moving support (6) in which is guided  
10 the ribbon (2) such that the ribbon follows an additional  
path (16). It comprises braking means (10, 11, 12, 14) for  
the origin cylinder (1) such that when the ribbon (2) is  
tractioned and as the origin cylinder is braked, the  
support (6) is forced to move against the action of an  
15 elastic element (13), reducing the additional path (16)  
such that after a marking (a-b) the ribbon moves back, and  
with it the support (6), due to the action of the elastic  
element (13) so that the next marking (b-d) is made  
immediately after the first.

20           The braking means are operated by the support (6)  
such that after one or more markings they are released,  
unrolling a length of ribbon (2) from the origin cylinder,  
then braking again, with the process repeated.

25           The invention is applicable to marking with heat-  
sensitive headers.